

### ABSTRACT OF THE INVENTION

A marine propulsion device is provided with a thermoelectric device connected in thermal communication with fuel as it flows through the fuel system of an engine. The thermoelectric device can be a Peltier-effect device that uses electric current to cause heat to flow from a cold portion of the Peltier-effect device to a hot portion of the Peltier-effect device. A secondary heat exchanger removes heat from the Peltier-effect device. As a result, heat is removed from the fuel in order to inhibit the creation of a "vapor lock" condition in association with the engine.